Pan 46.

EVAMINED: In	nitial if	refer	ence consider	ed whether or	not citation is in confo	rmance with MP	FP 609.	Draw line	through			
EXAMINER	8	5	L.		-	DATE	CONSIDER	ED 1/18	102			
58	AT	18	Kohno, T. e	t al., "A seconoumor necrosis f	d tumor necrosis factor actor inhibitor," <i>Proc. I</i>	Natl. Acad. Sc	i. USA 87:	8331-8335	(1990)			
	AS											
	AR			······								
· · · · · · · · · · · · · · · · · · ·		<u> </u>	OTHER (Including Autho	or, Title, Date, Pertinen	t Pages, etc.	<u></u>					
	AP								No No			
18	A02	EP 0	816 380	01/07/1998	Europe				No Yes			
	AN	-			_		•		No Yes			
	АМ								No Yes			
	AL								No Yes			
INITIAL	-	DOCU	IMENT NUMBER	DATE	COUNTRY	CLA	iss :	SUB-CLASS	TRANSLATION Yes			
EXAMINER	1	T		FORE	EIGN PATENT DOCUMENTS		·					
	AK			5005	LICH DATENT DOCUMENTS							
	AJ											
	AH AI	+			WARKS							
	AG		_		DEMARK S	EECE			<u></u>			
	AF				E 4	W 8						
	AD AE				E or 3 a	ह्य						
	AC				01	(,,/						
	AB	1										
INITIAL	AA	DOCU	MENT NUMBER	DATE	NAME	CL/	ASS 3	SOB-CLASS	FILING DATE			
EXAMINER	 		 	U.:	S. PATENT DOCUMENTS		. [CENTE	1600			
					FILING DATE GROUP 1643-1647-10V 0 1 2000							
FIRST_SUPF	PLEMENTAL	INFOR	MATION DISCLO	SURE STATEMENT	Greene et al. FILING DATE							
		FORM I	PTO-1449		APPLICANT							
					ATTY. DOCKET NO. 1488.0710005		APPLICAT	77	•			
									Page 1 of 2			

citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

P:\USERS\AWGIE\1488\07\10005\1stt sup\1449 \1488\07\1005.wpd

SKGF Rev. 1/95

Page 2 of 2

		FORM F	PTO-1449			ATTY. DOCKET NO. 1488.0710005 APPLICANT	APPLIO 09/520	CATION NO. 5,437	
FIRST SUPPL	.EMENTAL	INFORM	MATION DISCLO	SURE STATEMENT		Greene et al.			
	•					FILING DATE March 15, 2000	GROUP 1643	1647	
<u> </u>				U.S.	. F	PATENT DOCUMENTS			
EXAMINER		2001	MENT WINDER	DATE	T.,	AME	CLASS	SUB-CLASS	ELLING DATE
INITIAL	AA	8000	MENT NUMBER	DATE	╀	AME	CLASS	SUB-CLASS	FILING DATE
	AB	1			t			 	
	AC				T	100			
	AD	<u> </u>			T	\approx			
	AE				T	Η ,	1		
	AF					B REAL OF S	,		
	AG					E.	8/		
	АН				L	MARK OF	CE		
	AI				L			_	
	LA	<u> </u>			┖				
	AK	1			<u> </u>		<u> </u>		
	_			FOREI	GN	PATENT DOCUMENTS	·	<u></u>	
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	c	OUNTRY	CLASS	SUB-CLASS	TRANSLATION
,	AL								Yes No
		 	·		T				Yes
	AM	-			t				No Yes
	AN				H			+	No Yes
	AO	ļ			╀	-	 	 	No.
	AP						İ		Yes No
			OTHER (Including Author	,	Title, Date, Pertinent Pages, e	etc.)		
B	AR	<u>19</u>	Schall, T.J Factor," Ce	. et al., "Molecu ll 61:361-370 (19	ul a 990	or Cloning and Expression of a (Receptor fo	or Human Tumo	or Necrosis
	AS								
	AT								
EXAMINER (5		5				DATE CONSID	ERED \	18/02
EXAMINER: Ini	tial if t in con	refere forman	ence consider	ed, whether or no onsidered. Incl	ot ude	citation is in conformance wit copy of this form with next c	h MPEP 609. ommunicatio	Draw line on to Applic	through ant.

.

												rage	01 10
							ATTY. DOCKET NO. 1488.0710005			APPLIC 09/526	ATION NO. ,437		
ļ <u>.</u>			FORM P	PTO-1449		Ī	APPLICANT GREENE et al.				·		
	<u> 1 N</u>	FORMAT IC	N DIS	CLOSURE STATE	<u>EMENT</u>	ľ	FILING DATE			GROUP	647		
					II Š	ᆜ	March 15, 2000 ATENT DOCUMENTS			1643 - 1	647		
EXAMINER	<u>.</u> !	Γ			0.3.	Τ̈́	ATENT DOGGNERTS	_					
INITIAL			DOCU	MENT NUMBER	DATE	-	AME	0/0	CL/		SUB-CLASS	FILING DA	ΓE
85		AA1	5,39	5,760	03/07/1995	Sı	nith et al.		┪		240.1	05/10/199	0
		AB1	5,46	4,938	11/07/1995	Sı	nith et al. 🖁	7 -	530		350	08/18/199	4
		AC1	5,71	2,155	01/27/1998	Si	nith et al.	- DOD	2 /439	<u> </u>	320.1	10/29/199	4
A		AD1	5,74	1,899	04/21/1998	C	apon et al.		536	<u> </u>	23.4	06/07/199	5
		AE				L	apon et al.	COEFIL					
		AF				L			-				
		AG	<u> </u>			L						-	
		AH				⊢	.,,		┿				
		Al				⊢			+				-
		AJ				⊢			+			ļ	
		AK			L	_		-			1	<u> </u>	
		1	ı		FOREIG	GN T	PATENT DOCUMENTS		1		T		
EXAMINER INITIAL			DOCUI	MENT NUMBER	DATE	C	DUNTRY		CLA	ss	SUB-CLASS	TRANSLATIO	ON
野		AL1	WO 94	4/13808	06/23/94	w	IPO						Yes No
		AM1	WO 9	4/09137	04/28/94	w	IPO						Yes No
		AN1		585 939	03/09/94	E	urope						Yes No
	T	AO1		1/09045	06/27/91	Г	IPO			н			Yes No
	1											Abstract	Yes No
` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	V	AP1	WO 9	6/26217	08/29/1996		itle Date Portinent	Pages	ots \		<u> </u>		
		г		OTHER (Including Author	<u>, </u>	itle, Date, Pertinent	Pages,	etc.,	,			
8	3	AR	1	Aruffo, A.A.	. <i>et al</i> ., Databas	se i	A-Geneseq24 on MASPAR	, Access	ion N	o. R388!	59 (1993).		
		AS	1				an, "Tumor necrosis f (April-June 1996).	actors:	Devel	opments	during the	last decad	e,"
V	\$	AT	1	Aslanidis, (C., Database EMBL	L-n	ew3 on MASPAR, Access	ion No.	x7549	1 (Marc	h 1994).		
EXAMINER		Beh	J.	<u> </u>					DATE	CONSIDE	ERED 1/C	8/02	
EXAMINER citation	: Init	ial if r	efere	nce considere	ed, whether or no	ot ude	citation is in confor copy of this form wi	mance wi th next	th MP	EP 609.	Draw line n to Applic	through ant.	

							rage E of 10
•				ATTY. DOCKET NO. 1488.0710005		PLICATION NO. 7526,437	
		FORM PTO-1449		APPLICANTS	1077	<u> </u>	
, <u>n</u>	NFORMAT I	ON DISCLOSURE STATE	<u>EMENT</u>	GREENE et al.	1		
				FILING DATE March 15, 2000	GRC 164	DUP 3_1647	
			U.S.	PATENT DOCUMENTS		1	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
INTITAL	AA .	DOCOMENT NOMBER		0/	- CEAGG	000 0000	
	AB			A 2			
	AC			B 100 2			
	AD			An S			
	AE			B 40 6			
	AF			MADE OFFICE			
	AG	 				-	
	AH				<u> </u>		
	AI		-				
	AJ AK		-				
	AK		FOREI	GN PATENT DOCUMENTS			<u> </u>
EXAMINER			T ONE !				<u> </u>
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
183	AL2	₩0 96/28546	09/19/1996	WIPO			Yes No
	AM2	WO 98/48051	10/29/1998	WIPO			Yes No
	AN2	EP 0 897 114	02/17/1999	Europe			Yes No
4	AO						Yes No
							Yes No
	AP	OTHER (Including Author	, Title, Date, Pertinent Pages,	etc)		, NO
	Г	OTHER (Including Author	, Titte, Date, Pertinent Pages,	etc.)		
8	AR	Beutler, B. 264:667-668	et al., "Unravel (1994).	ing function in the TNF ligand	and recep	tor families,"	Science
	AS			ering the message in protein seq 1306-1310 (1990).	uences: t	olerance to ami	ino acid
J	AT	2 Camerini, D Factor/Tumo	. et al., "The T r Necrosis Factor	Cell Activation Antigen CD27 Is Receptor Gene Family," <i>J. Immu</i>	a Member 1001. 147(of the Nerve (9):3165-3169 (1	Growth 991).
EXAMINER	9.2.	ma	•		DATE CONS	SIDERED illa	rlz
EXAMINER: Ini	tial if	reference consider	ed, whether or no onsidered. Incl	ot citation is in conformance wi	th MPEP 6	09. Draw line	through

1

Page 3 of 18

-	-	***		ATTY. DOCKET NO. 1488.0710005						
ļ.		FORM PTO-1449		APPLICANTS GREENE et al.	APPLICANTS GREENE et al.					
<u> </u>	NFORMAT I	ON DISCLOSURE ST	<u>RIEMENI</u>	FILING DATE March 15, 2000		GROUP	7 8	To the second		
			U.S.	PATENT DOCUMENTS		104375 (B	an S		
EXAMINER		DOCUMENT WINDS	DAY:	NAME	CLA	ss s	IB-CLASS	PARIGODEFICE		
INITIAL	AA .	DOCUMENT NUMBER	DATE	NAME		35 30	IB-CLASS	FISHGUME		
·	AB						•			
	AC							SEWED		
	AD						RE	CEIVE		
	AE	_						EP 2.5 70001		
****	AF							Eb 52 co		
.	AG		-					I CENTER 1600/2500		
	AI		-	<u></u> .			TEC	A CENTER 100 -		
	AJ									
	AK									
	т		FOREI	GN PATENT DOCUMENTS		· ·		r		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLA	ss sı	B-CLASS	TRANSLATION		
	AL							Yes No		
	AM						·	Yes No		
·							ě	Yes No		
	AN			.,	,			Yes		
	AO			· · · · ·				No Yes		
	AP		At a landing Augher	Tiels Bass Bassiness				No		
	1 1	OTHER	(Including Author	, Title, Date, Pertinent	Pages, etc.)					
188	AR	Chinnaiyar to TNFR-1	, A.M. et al., "Si and CD95," Science	gnal Transduction by DR3 274:990-992 (1996).	3, a Death Dom	nain-Conta	ining Red	ceptor Related		
	AS	3 Crowe, P.D	. et al., "A lymph	notoxin-beta-specific red	ceptor," Scien	ce 264: 70 7	'-710 (19	94).		
1	AT	<u>3</u> Dürkop, H. Receptor F	et al., "Molecula amily That Is Chan	or Cloning and Expression Pacteristic for Hodgkin's	n of a New Mem s Disease," <i>Ce</i>	ber of the 11 68:421	e Nerve (-427 (199	Growth Factor 92).		
EXAMINER	9 · Se	in ez			DATE	CONSIDERED	1/18	lor		
EXAMINER: Ini	tial if t in con	reference conside formance and not	red, whether or no considered. Incl	ot citation is in conformude copy of this form wi	mance with MPE th next commun	P 609. D	raw line o Applica	through		

FO	RM PTO-1449	,
INFORMATION	DISCLOSURE	STATEMENT

ATTY. DOCKET NO. 1488.0710005	APPLICATION NO. 09/526,437
APPLICANTS GREENE et al.	
FILING DATE March 15, 2000	GROUP 1643 1647

				U.S.	. PATENT DOCUMENTS			
EXAMINER								
INITIAL		DOCU	MENT NUMBER	DATE	NAME O/A	CLASS	SUB-CLASS	FILING DATE
	AA			<u> </u>	()			
	AB	-			1 SEP 2 5		+	
	AC				7 2000 8			
	AD	- 	· · · ·		V. 4			
	AE	+		<u></u>	TO CETT			
	AF	+			EWADA O.			
	AG AH	+	-	<u></u>			-	
	AI	+						
	AJ							
	AK	 						
	I AK			FOREI	GN PATENT DOCUMENTS			
EXAMINER	ĺ				Ī			
INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	1							Yes No
	AL	 						Yes
	АМ							No
								Yes
	AN		· · ·				-	No No
	AO			•				Yes No
	1.5							Yes
	AP		_				<u> </u>	No_
			OTHER (Including Author	, Title, Date, Pertinent Pages	, etc.)		
8	AR	4	Evidence fo	H. <i>et al.</i> , "Two 1 r Immunological (em. 265(3):15 3 1-1	Tumor Necrosis Factor-Binding F Cross-Reactivity with Cell Surf 536 (1990).	Proteins Puri face Tumor Ne	fied from Hum crosis Facto	man Urine. r Receptors,"
	AS	4	Feinstein, functions,"	E. et al., "The c TIBS 20:342-344	death domain: a module shared (September 1995).	by proteins	with diverse	cellular
	AT	4	Genexpress,	Database EMBL/G	enBank/DDBJ on MASPAR, Accessio	on No. Z38433	(October 19	94).
EXAMINER		US	hy			DATE CONSID	PERED 1 18	102
EXAMINER: In	itial if	refere	ence consider	ed, whether or n	ot citation is in conformance w	rith MPEP 609	. Draw line	through
citation if n	ot in co	nformar	nce and not c	onsidered. Incl	ude copy of this form with next	t communicati	on to Applica	ant.

							Page 5 of 1			
				ATTY. DOCKET NO. 1488.0710005	A	PPLICATION NO. 9/526,437				
	INECOMA	FORM PTO-1449 TION DISCLOSURE STA	TEMENT	APPLICANTS GREENE et al.						
	INTORMA	TION DISCLOSURE STA	TEPLAT	FILING DATE March 15, 2000						
	-		U	.S. PATENT DOCUMENTS						
EXAMINER										
INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE			
	AA AB	-								
	AC			Stated of C	2/					
	AD	-		A 713	D					
	AE			THE REPORT OF THE PERSON OF TH	m					
	AF			是 置						
	AG			AND SE	> /					
	АН			EFICE						
	ΑI									
	AJ									
	AK									
			FOI	REIGN PATENT DOCUMENTS			T			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS				
	AL						Yes No			
	АМ						Yes No			
	AN						Yes No			
							Yes No			
	AO						Yes			
	AP						No.			
8	AR	- George, et	al., in Macrom	nor, Title, Date, Pertinent olecular Sequencing and Synt 127-149 (1988).		nger, D.H., ed.	, Alan R.			
	AS	5 Glasgow, E	. and Schechter	r, N., Database EMBL-new3 or	n MASPAR, Access	ion No. L23876	(1993).			
7	AT	<u>5</u> Hillier, L	. et al., Datab	pase EST-STS on MASPAR, Acce	ession No. H1410	6 (July 1995).				
EXAMINER		9.5.	کس _	~	DATE CO	SIDERED 1	8/92			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Page 6 of 18

					1488.0710005	NO.		ICATION NO. 26,437	
		FORM	I PTO-1449		APPLICANTS GREENE et al.				
	I NFORMA	TION D	ISCLOSURE STAT	<u>rement</u>	FILING DATE	_	GROU		
					March 15, 200		1643	<u> </u>	
EXAMINER	Τ-	1			. PATENT DOCUMENTS		1		<u> </u>
INITIAL	_	DOC	UMENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	ELLING DATE
	AA			1			 	/	10
•	AB AC	+						\$ SEP 2	200 Cg
	AD	+		<u> </u>				<u> </u>	2000
	AE	\top							LAS .
	AF					×		DEMA	BKOK
	AG								
	AH	_ _							
	AI	_		ļ					
	AJ	-							
	AK	J		FORE	CN DATENT DOCUMEN		<u>l</u>		
EXAMINER				FURE	GN PATENT DOCUMEN	15			
INITIAL		DOC	UMENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION
	AL								Yes No
	AM								Yes No
	AM								Yes
	AN		W 100000						No Yes
	AO	_							No.
	AP	·							Yes No
	•		OTHER (Including Author	, Title, Date, Pe	rtinent Pages, e	etc.)		
8	AR	<u>6</u>	Receptor Ch	et al., "Molecu ain (p60) and It 9(10):705-715 (19	lar Cloning and Ex s Soluble Derivat 990).	pression of Humive, Tumor Necro	an and Rat sis Factor	Tumor Necros	sis Factor tein," <i>DNA and</i>
	AS	<u>6</u>			Different Cell Ty Biol. Chem. 264(25			Receptors for	Human Tumor
J	AT	6	Hsu, K. C. Necrosis Fa	and M. V. Chao, ctor Receptor Ch	"Differential Expi imeric Mutants," (ression and Liga J. Biol. Chem. 20	and Binding 68(22):164	Properties (30-16436 (199	of Tumor 3).
EXAMINER	1	A.	Le Co	~			DATE CONSI	DERED 118	la_
EXAMINER: In	nitial if	refer	ence consider	ed, whether or n	ot citation is in ude copy of this	conformance wit	h MPEP 609	Draw line	through

	ATTY. DOCKET NO. 1488.0710005	APPLICATION NO. 09/526,437
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	APPLICANTS GREENE et al.	
	FILING DATE March 15, 2000	GROUP 1643- しゃいろ

					March 15, 2000		1643	1647	
					U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
	AA								DIPE
	AB		4					+	3.1.E.
	AC							\ \(\text{\(\text{V} \) \\ \(\text{V} \) \\\ \(\text{V} \) \\\ \(\text{V} \) \\\ \(\text{V} \) \	2 1 2000
	AD	_		<u> </u>				SEP	
	AE		_						
	AF	_			-			***	488
	AG	_						A40	EMABLE
	AH			<u> </u>					
	I A I		<u>-</u>						
	AJ				<u> </u>				
	AK	۰					·	.1	
					FOREIGN PATENT DOCUMENT	<u>s</u>			· ·
XAMINER NITIAL		DOCL	JMENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION
	<u> </u>	1							Ye
	AL				****				<u> </u>
									Y (
	AM								Ye
	AN				•				<u> </u>
			-						Y
	ΑO								
	AP	İ							Y (
	1		OTHER (Including A	uthor, Title, Date, Per	tinent Pages, e	tc.)		
18	AR	Z	Hudson, T.,	Database ES	ST-STS on MASPAR, Access	sion No. G11923	(October	1995).	
	AS	7	Itoh, N. <i>et</i> Mediate Apo	al., "The P ptosis," <i>Cel</i>	olypeptide Encoded by 1 17 66:233-243 (1991).	the cDNA for Hum	an Cell Si	urface Antige	en Fas Can
J	AT	7	Johnson, D.	et al., "Ex	pression and Structure	of the Human NG	F Recepto	r," Cell 47:5	45-554 (1986)
	1	_							
XAMINER	٠	47	()			. D.	ATE CONSID	DERED 1 1 2	102

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Page 8 of 18

					ATTY. DOCKET 1488.0710005		09/52	CATION NO. 5,437	OIPE		
ļ. <u>,</u>	NEODMATI		PTO-1449	EMENT	APPLICANTS GREENE et al	•			kg 550		
1	N FURMA I I	ON DIS	CLOSURE STAT	<u>emen I.</u>	FILING DATE March 15, 20	000	GROUP 1643-	1647	日 2 1 2000		
				U.S.	PATENT DOCUMEN	TS			V		
EXAMINER		200111	JENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE		
INITIAL	AA	DOCO	MENT NUMBER	DATE	NAME		CLASS	308 CLASS	FIEING DATE		
	AB										
	AC										
	AD										
	AE				·		ļ				
	AF						-	<u> </u>			
	AH	 									
	AI						 	1			
	AJ										
	AK										
				FOREIG	N PATENT DOCUME	ENTS	1	•			
EXAMINER		DOCUI	MENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION		
INITIAL	-	DOCO	TENT NUMBER	DATE	COUNTRY		CLASS	300 CEAGG	Yes		
	AL	ļ						ļ	No		
	AM								Yes No		
	7.11								Yes		
	AN		····				-		No Yes		
	AO								No		
	AP						9		Yes No		
			OTHER (Including Author	, Title, Date, F	Pertinent Pages,	etc.)	*			
8	AR	8	Lewis, M. et receptors de (1991).	t al., "Cloning a emonstrate one re	nd expression o ceptor is speci	f cDNAs for two c es specific," <i>Pro</i>	distinct mur oc. Nat1. Aca	ine tumor ne ad. Sci. USA	ecrosis factor 88:2830-2834		
	AS	<u>8</u>	Loetscher, I Receptor," (H. <i>et al.</i> , "Molec Cell 61:351-359 (ular Cloning and	d Expression of 1	the Human 55	kd Tumor Ne	ecrosis Factor		
X	AT .	<u>8</u>	Mallett, S. lymphocytes	allett, S. $et\ al.$, "Characterization of the MRC OX40 antigen of activated CD4 positive T ymphocytes - a molecule related to nerve growth factor receptor," <code>EMBO J. 9(4):1063-1068 (1990).</code>							
EXAMINER	Ć	E	e Lura				DATE CONSIDE	RED I	dor		
EXAMINER: Init	ial if i	refere	nce considere	ed, whether or no onsidered. Inclu	t citation is independent	n conformance wi form with next o	th MPEP 609. communicatio	Draw line n to Applica	through ant.		

Page 9 of 18

						ATTY. DOCKET NO. 1488.0710005 APPLICATION NO. 09/526,437 O / 6				010	
			PTO-1449	evena.		APPLICANTS GREENE et al.		-	E .	Sec.	
1	NFORMATI	<u>ON DIS</u>	SCLOSURE STAT	<u>ement</u>		FILING DATE March 15, 2000		GROUP	647	1 2000 5	
				U.S.		ATENT DOCUMENTS		.0.13	3		
EXAMINER	ľ			·					1	CEMARK OF	
INITIAL	 	DOCU	MENT NUMBER	DATE	N/	ME	CLAS	ss	SUB-CLASS	FILING DATE	
	AA AB	 				·					
	AC		·								
	AD		•								
	AE				L						
	AF				_	<u></u>	-				
	AG	-			-						
	AH AI										
	AJ					•	 -		-		
	AK										
-				FORE I	GN	PATENT DOCUMENTS					
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	cc	DUNTRY	CLAS	ss	SUB-CLASS	TRANSLATION	
	AL									Yes No	
	АМ									Yes No	
	AN									Yes No	
				·						Yes No	
-	AO				\vdash	, s., - s				Yes	
	AP		· · · · · · · · · · · · · · · · · · ·							No	
			OTHER (Including Author	<u>, T</u>	itle, Date, Pertinent Pages, e	tc.)				
3	AR	9	Muzio, M. et CD95 (Fas/AF	t al., "FLICE, A PO-1) Death-Induc	Nov e i ng	vel FADD-Homologous ICE/CED-3- g Signaling Complex," <i>Cell 85</i> :8	like 817-8	Proteas 27 (199	se, Is Recru 26).	ited to the	
	AS	9	NCBI Entrez	ICBI Entrez, GenBank Report, Accession No. D62967, from Fujiwara, T. et al. (August 1995).							
2	AT	2	NCBI Entrez, GenBank Report, Accession No. D63118, from Fujiwara, T. et al. (August 1995).								
EXAMINER	85	ولر	عر			C	ATE (CONSIDE	RED	8/02	
EXAMINER: Init	ial if r	efere	nce considere	ed, whether or no onsidered. Inclu	ot o	citation is in conformance with copy of this form with next c	h MPE ommun	P 609. ication	Draw line n to Applica	through int.	
				·	_						

Page 10 of 18

		FORM	PTO-1449			ATTY. DOCKET NO. 1488.0710005 APPLICATION NO. 09/526,437					PE
· <u>I</u>	NFORMAT I	ON DIS	CLOSURE STAT	EMENT		GREENE et al.				SEP 2	/ 200
						FILING DATE March 15, 2000		GROUP 1 643	eys !		2000
				U.S.	. PA	ATENT DOCUMENTS				DADEN	- SV 05
EXAMINER INITIAL		DOCUI	MENT NUMBER	DATE	NA	ME	CLAS	s	SUB-CLASS	FILING D	ATE
	AA	1									
	АВ										
	AC		·								
	AD										
	AE	ļ				Make 1					
	AF				L	A					
	AG	<u> </u>					 				
	AH	<u> </u>			ļ		-				
	AI				_	· · · · · · · · · · · · · · · · · · ·					
	AJ	-				, - ,					
	AK			50051		DATE OF THE PARTY					
EVANTUED	1			FOREIG	GN :	PATENT DOCUMENTS	Γ'				
EXAMINER INITIAL	ļ	DOCU	MENT NUMBER	DATE	СО	UNTRY	CLAS	s	SUB-CLASS	TRANSLAT	
	AL										Yes No
	АМ										Yes No
					T	. •		-	-		Yes No
	AN	-			\vdash		-				Yes
	AO	-			H						No Yes
	AP				L_						No
		•	OTHER (Including Author	<u>, T</u>	itle, Date, Pertinent Pages, e	tc.)				
8	AR	<u>10</u>	NCBI Entrez	, GenBank Report,	, Ac	ccession No. D63125, from Fuji	wara,	T. et	al. (August	1995).	
	AS	<u>10</u>	NCBI Entrez	, GenBank Report,	, Ac	ccession No. D63126, from Fuji	wara,	т. et	al. (August	1995).	
	AT	<u>10</u>	NCBI Entrez	, GenBank Report,	, Ac	ccession No. AA296905, from Ad	ams, I	1. D. <i>e</i> i	t al. (Septe	ember 1995	i).
EXAMINER		G	Seho	`\		C	ATE C	ONSIDE	RED 4	18/0	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.											

Page 11 of 18

					ATTY. 0	OCKET NO. 710005		LICATION NO. 526,437	010
			PTO-1449	FMFMT	APPLICA GREENE	ANTS	-	E S	SED
1	N FORMATI	ON DIS	SCLOSURE STAT	<u>EMENI</u>	FILING		GRO 144	UP 5	21 2000 5
				U.S.	PATENT DO				2, 3,4
EXAMINER	T								MARK OF ICE
INITIAL	ļ	DOCU	MENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
	AA	 	-				<u> </u>		
	AB	├					1	+	
	AC AD	 	·						
	AE	 	~				 		
	AF	1					1		
	AG							Ì	
.,	АН								
	ΑI								
	AJ								
	AK								
				FORE I (GN PATENT (DOCUMENTS			
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION
	AL								Yes No
									Yes No
	AM				· ·	- -			Yes
	AN	<u> </u>							No Yes
	AO	<u> </u>							No
	AP								Yes No
	1	•	OTHER (Including Author	, Title, Da	ate, Pertinent Pages,	etc.)	•	
60						· · · · · · · · · · · · · · · · · · ·			
\ \frac{1}{2}	AR	11	NCBI Entrez	, GenBank Report,	Accession	n No. AA296908, from A	dams, M.D.	et al. (Septe	ember 1995).
	AS	<u>11</u>	NCBI Entrez	, GenBank Report,	, Accession	No. 298429, from Ada	ms, M.D. <i>e</i>	t al. (Septemb	per 1995).
	AT	<u>11</u>	NCRI Entrez	GenBank Renort	Accession	n No. H88769, from Hil	lier. L. e	t.al. (Novembe	er 1995).
Ør .		<u></u>	NOD! LINCE	, achbank keperty	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,		•
EXAMINER	g!	يرا	~~				DATE CONS	IDERED 1	402
EXAMINER: Init	ial if	refere forman	nce considere	ed, whether or no onsidered. Inclu	ot citation ude copy of	is in conformance wi this form with next	th MPEP 60 communicat	9. Draw line ion to Applic	through

Page 12 of 18

	FORM PTO-1449						1488.0710005 09/526,437 0 / APPLICANTS					
]. <u>1</u> 1	NFORMAT I	ON DIS	SCLOSURE STAT	<u>EMENT</u>		GREENE et al.			ner B	Sto	
							FILING DATE March 15, 2000		GROUP 1643 · (mr A	1 2000	
Г									<u>.</u>		\	
	EXAMINER			-	U.S.	PA	TENT DOCUMENTS	\neg			ADEMARK OFFIS	
	INITIAL		DOCU	MENT NUMBER	DATE	NA	ME	CLAS	ss	SUB-CLASS	FILING DATE	
Ļ		AA	ļ			_		_				
		AB	-			_					<u> </u>	
		AC	 		<u> </u>			_				
		AD				-						
ŀ		AE AF	\vdash		<u>. </u>	_						
		AG										
		AH	<u> </u>					1				
l	-	AI	<u> </u>	· · · · · · · · · · · · · · · · · · ·					-			
		AJ										
		AK										
					FOREIC	GN I	PATENT DOCUMENTS			, <u>.</u>	·	
	EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	co	UNTRY	CLAS	ss	SUB-CLASS	TRANSLATION	
		١.,									Yes No	
		AL				\vdash	······································				Yes	
		AM	-	-		<u> </u>		-			No Yes	
		AN	ļ								No.	
	<u>-</u>	AO									Yes No	
		AP					·				Yes No	
			•	OTHER (Including Author,	, T	itle, Date, Pertinent Pages,	etc.)				
	88	AR	12	NCBI Entrez	, GenBank Report,	. Ac	cession No. CO2463, from Oku	ubo, K.	et al.	(July 1996	5).	
		AS	<u>12</u>	NCBI Entrez	, GenBank Report,	. Ac	cession No. AA037313, from h	illier	, L. e	t al. (Nover	mber 1996).	
	pol .	AT	12	NCBI Entrez	, GenBank Report,	, Ac	cession No. AA195113, from h	illier	, L. e	t al. (May	1997).	
	EXAMINER			96	2			DATE	CONSIDE	RED /	1862	
	EXAMINER: Init	ial if	refere forman	nce consider	ed, whether or no onsidered. Inclu	t d	citation is in conformance wi copy of this form with next	th MPE	P 609.	Draw line n to Applica	through ant	
L												

								Page 13 of 16
	-			ATTY. DOCKET NO. 1488.0710005		APPLICAT 09/526,4		0/0
		FORM PTO-1449		APPLICANTS GREENE et al.				m
	INFORMAT	ION DISCLOSURE STA	<u>TEMENT</u>	FILING DATE		GROUP	<u> </u>	1 200 5
				March 15, 2000		1643 (64		/ 2000 E)
		<u> </u>	U.S.	. PATENT DOCUMENTS			- YAN	MARK OFF
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CL	ASS SI	UB-CLASS	FILING DATE
	AA						•	
	AB							
	AC							
	AD	<u> </u>	<u> </u>				 -	
	AE							
	AF				<u>_</u>			
	AG		<u> </u>					
	AH						-	
	AI							
	AJ AK							
	Į AK		FOREI	GN PATENT DOCUMENTS				
EXAMINER		T						
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CL/	ss st	JB-CLASS	TRANSLATION
	AL							Yes No
	1							Yes
	AM							No Yes
	AN							No
	AO	•						Yes No
	AP					•		Yes No
	1	OTHER ((Including Author	, Title, Date, Pertine	ent Pages, etc.)		
\$	AR	13 NCBI Entrez	, GenBank Report	, Accession No. AA2337	19, from Hillie	r, L. <i>et a</i>	1. (Augus	t 1997).
								
	AS	13 NCBI Entrez	, GenBank Report	, Accession No. AA7069	96, from Hillie	r, L. <i>et a</i>	1. (Decem	nber 1997).
	АТ	13 NCBI Entrez	, GenBank Report	, Accession No. AA5998	41, from Jia, L	. et al. (March 199	8).
EXAMINER	<u> </u>	gseh (~ /	-	DATE	CONSIDERE	> V	1902
EXAMINER: I	nitial if	reference consider	ed, whether or no	ot citation is in conf ude copy of this form	ormance with MP	EP 609. D	raw line	through
CITATION IT	HUL III CO	morniance and not c	onsidered. Incl	ace copy or tires rorm	ATTI HEAT COMMIN		- Aprile	

Page 14 of 18

					ATTY. DOCKET NO. 1488.0710005		APPLICATION NO. 09/526,437 O/			
-			PTO-1449		APPLICANTS GREENE et al.			(m)		
1	<u>NFORMAT I</u>	ON DIS	SCLOSURE STAT	EMENT	FILING DATE March 15, 2000	GROUP 1643	IOUR E	2 1 2000 5		
L				U.S.	PATENT DOCUMENTS	1 1045	The state of the s	- J		
EXAMINER							T **	MARK OFF		
INITIAL	<u> </u>	DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AA	 				 	 			
	AB AC	\vdash								
	AD	 								
	AE									
_	AF	1								
	AG									
	АН	<u> </u>				ļ				
	AI					<u> </u>				
	AJ	-				<u> </u>				
	AK	<u> </u>				<u> </u>		<u> </u>		
	I	т		FOREIC	GN PATENT DOCUMENTS					
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AL							Yes No		
	АМ							Yes No		
								Yes		
	AN	 	· · · · · · · · · · · · · · · · · · ·					No Yes		
	AO	<u> </u>					-	No		
	AP							Yes No		
	•		OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.)				
_ (\$)	AR	<u>14</u>	type I TNF-	R. cloned using a	forms of tumor necrosis factor is smino acid sequence data of its of the receptor," $EMBO\ J.\ 9(10):3$	soluble form	i, encodes bo	cDNA for the oth the cell		
	AS	<u>14</u>	Pfeffer, K. Endotoxic S	et al., "Mice De nock, yet Succumb	eficient for the 55 kd Tumor Nector to L. monocytogenes Infection,	rosis Factor " <i>Cell 7</i> 3:45	Receptor Ar 7-467 (1993)	re Resistant to		
d	Piguet, P. F. et al., "Evolution of collagen arthritis in mice is arrested by treatment with anti-tumour necrosis factor (TNF) antibody or a recombinant soluble TNF receptor," Immunol. 77:510-514 (1992).									
EXAMINER			ghis		1	DATE CONSID	ERED NL8	62		
EXAMINER: Init	EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.									

Page 15 of 18

						ATTY. DOCKET NO. APPLICAT 1488.0710005 09/526,4			437 OIP			
			PTO-1449	CMENT		PPLICANTS REENE <i>et al</i> .				4		
1	NFURMAI I	UN DI	SCLOSURE STAT	<u>EMENI</u>		ILING DATE arch 15, 2000	G 1	ROUP	47	SEP 2 1 2000 9		
				U.S.	. PATE	ENT DOCUMENTS			*	A JES		
EXAMINER INITIAL		DOCI	MENT NUMBER	DATE	NAME	·	CLASS		SUB-CLAS	S FILING DATE		
INITIAL	AA	10000	MENT NOMBER	DATE	N/G/IC	·	027.00	\dashv				
	AB											
	AC		-									
	AD				<u> </u>							
	AE	↓			<u> </u>		-					
	AF	├			-			\longrightarrow				
	AG	├		,	 		 	\longrightarrow				
	AH	-						-				
	AI			<u> </u>		- 000						
	AK	-	· · ·				†					
	1	1		FOREI	GN PA	TENT DOCUMENTS						
EXAMINER		Ι										
INITIAL	 	DOCU	MENT NUMBER	DATE	COUN	ITRY	CLASS		SUB-CLAS			
	AL									Yes No		
										Yes No		
	AM				·					Yes		
	AN									No Yes		
	AO	1			!		-		•	No.		
	AP									Yes No		
	-1-	•	OTHER (Including Author	, Tit	le, Date, Pertinent Pages,	etc.)			,		
B	AR	<u>15</u>	Radeke, M. receptor,"	J. et al., "Gene Nature 325: 593-59	trans 97 (19	sfer and molecular cloning o 987).	of the r	at nei	rve growl	h factor		
	AS	<u>15</u>	Salgaller, tumor-infil 39:105-116	trating lymphocyt	nerati tes wi	ion of specific anti-melanom ith MAGE-1 synthetic peptide	na react e," Cand	:ivity cer Imn	by stimu munol. Im	ulation of human munother.		
	AT	<u>15</u>	Smith, C.A. and viral p	Smith, C.A. et al., "A receptor for tumor necrosis factor defines an unusual family of cellular and viral proteins," Science 248:1019-1023 (1990).								
EXAMINER			Glec	2			DATE CO	NSIDER	18-1	O_		
EXAMINER: Ini	tial if	refere	ence consider	ed, whether or no	ot cit	tation is in conformance wit	h MPEP	609.	Draw li to Appl	ne through		
	5511											

Page 16 of 18

					ATTY. DOCKET NO. 1488.0710005	APPL I 09/52	CATION NO. 6,437	OIPE				
}			PTO-1449	EMENT.	APPLICANTS GREENE et al.	-		CTD 2.4				
1	N F OR MAIL	ON DIS	CLOSURE STAT	<u>EMENI</u>	FILING DATE March 15, 2000	GROUP 1643	lagr	S 311 2 1 2000				
				U.S.	PATENT DOCUMENTS			es w				
EXAMINER					MAME	CLASS	SUB-CLASS	FILING DATE				
INITIAL	AA	DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FIEING DATE				
	AB											
	AC											
	AD											
	AE					ļ						
	AF	<u> </u>	· ·	<u> </u>		-						
	AG	<u> </u>				1	<u> </u>					
	AH	<u> </u>				 						
	AJ					-						
	AK	1										
	1	<u> </u>		FORE I	GN PATENT DOCUMENTS							
EXAMINER		Γ			. "-							
INITIAL	<u> </u>	DOCUI	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION Yes				
	AL							No_				
			**					Yes				
	AM	-				-	<u> </u>	No Yes				
	AN							No				
								Yes No				
	A0	 	".					Yes				
_	AP				·			No				
			OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.)						
8	AR	<u>16</u>	Smith, C. A of the TNF	. et al., "T2 Ope Receptor," Bioche	en Reading Frame from the Shope F om. Biophys. Res. Comm. 176(1):335	ibroma Viru 5-342 (1991)	s Encodes a	Soluble Form				
	AS	<u>16</u>	Stamenkovic receptor and	nkovic, I. $et\ al.$, "A B-lymphocyte activation molecule related to the nerve growth factor tor and induced by cytokines in carcinomas," EMBO J. $8(5)$:1403-1410 (1989).								
J	AT	<u>16</u>	Van Ostade, activity on	Ostade, X. et al., "Human tumor necrosis factor mutants with preferential binding to and ivity on either the R55 or R75 receptor," Eur. J. Biochem. 220(3):771-779 (March 1994).								
EXAMINER		30	Seh	2_		DATE CONSID	ERED ()	3/12				
EXAMINER: Init	tial if t in con	refere forman	nce consider ce and not c	ed, whether or no onsidered. Inclu	ot citation is in conformance with ude copy of this form with next of	th MPEP 609. communicatio	Draw line on to Applica	through ant.				

Page 17 of 18

					1488.0710005		6,437	OIPE				
			PTO-1449		APPLICANTS GREENE et al.							
	INFORMAT	ION DIS	SCLOSURE STAT	<u>EMENT</u>	FILING DATE	GROUP	1649	SEP 2 1 2000				
	_				March 15, 2000	1643	ioun m	\				
EVANINED	T	Τ		U.S.	PATENT DOCUMENTS	T	<u> </u>	MOEMARY				
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE				
	AA					1						
	AB	<u> </u>		<u> </u>			 					
	AC	 				<u> </u>	 					
	AD	 				<u> </u>						
	AE	+-				-	1					
	AF	╁					 					
-	AG	 	-				<u> </u>					
	AH AI	+										
·	AJ	+					1					
	AK	 			· · · · · · · · · · · · · · · · · · ·		<u>† </u>					
	7	<u> </u>		FOREI	GN PATENT DOCUMENTS							
EXAMINER												
INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION				
	AL							Yes No				
								Yes No				
<u> </u>	AM ·	 					·	Yes				
	AN	+						No				
	AO							Yes No				
	AP							Yes No				
	IAP	<u> </u>	OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.)	<u> </u>					
8	AR	<u>17</u>			EMBL-new3 on MASPAR, Accession		x60371, x605	550 (1992).				
	AS	<u>17</u>		al Search Report 203, mailed Janua	issued by the International Sea ary 21, 1997.	rching Autho	ority for App	ol. No.				
	AT	<u>17</u>	Internationa PCT/US96/16	nternational Search Report issued by the International Searching Authority for Appl. No. CT/US96/16849, mailed March 26, 1997.								
EXAMINER		N.	3eh		7	DATE CONSID	ERED \\	7 20 15				
EXAMINER: In	itial if	refere	nce consider	ed, whether or no	ot citation is in conformance wi ude copy of this form with next	th MPEP 609.	Draw line on to Applica	through				
Consideration in the					20p/ = 1 0 0 12:30 H. O. 100K							

Page 18 of 18

						ATTY. DOCKET NO. APPLICATION 1488.0710005 09/526,437			OIPE
1	I NEUBWAT I		PTO-1449 SCLOSURE STAT	rement		PLICANTS REENE et al.			10
	MEURINI		SCLUSURE SIAI	EMENI	FI	LING DATE arch 15, 2000	GR 1-6	10UP 647 B	SEP 2 1 2000 11
				U.S.	. PATEI	NT DOCUMENTS		N. C.	4
EXAMINER			MENT NIMBER	DATE	LIAME		CLASS	CUP-CLASS	RADEMARK
INITIAL	AA A	DOCO	JMENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
	AB	†		†	 				
	AC								
	AD								
	AE	Ţ			<u> </u>				
	AF	↓			↓	-4	ļ		
	AG	┼			┼		 		ļ -
	AH	+			╁┈┈╌		 		
	AI	+-		 	+		<u> </u>	_	
	AK	+-		 	+		 		
	1700			FORE I	GN PAT	ENT DOCUMENTS	1		
EXAMINER	Τ	\top			Ī			1.	T
INITIAL	┼	DOCU	JMENT NUMBER	DATE	COUNT	TRY	CLASS	SUB-CLASS	1 -
	AL						·	İ	Yes No
	AM		1. dll.						Yes No
		 					†		Yes
	AN	-			 				No Yes
,	AO	+-			\vdash		 		No Yes
	AP								No
			OTHER (Including Author	, Titl	e, Date, Pertinent Pages, e	tc.)		
8	AR	<u>18</u>	Internationa PCT/US96/18!	al Search Report 540, mailed March	issued h 18, '	d by the International Search	ching Au	ithority for Ap	pl. No.
7	AS	<u>18</u>	Dialog File 96/26217.	351, WPI Accessi	ion No.	. 96-402320, Derwent WPI En	glish La	inguage Abstrac	t for WO
	AT	<u>18</u>			-				
EXAMINER		_	95c	The same		D	DATE CON	SIDERED \	8/92
EXAMINER: Inicitation if no	tial if :	refere forman	ence considerence and not co	ed, whether or no onsidered. Incl	ot cita ude con	ation is in conformance with py of this form with next co	h MPEP 6 ommunica	09. Draw line	through ant.